

## Jay A. Aiken RSW920000152US1

Automatic Affinity within Networks Performing Workload Balancing 2/13

duration socket port 210 number partner prefix 208 partner partner IP address 206 local port number 204 local IP address 202

200

FIG. 2A

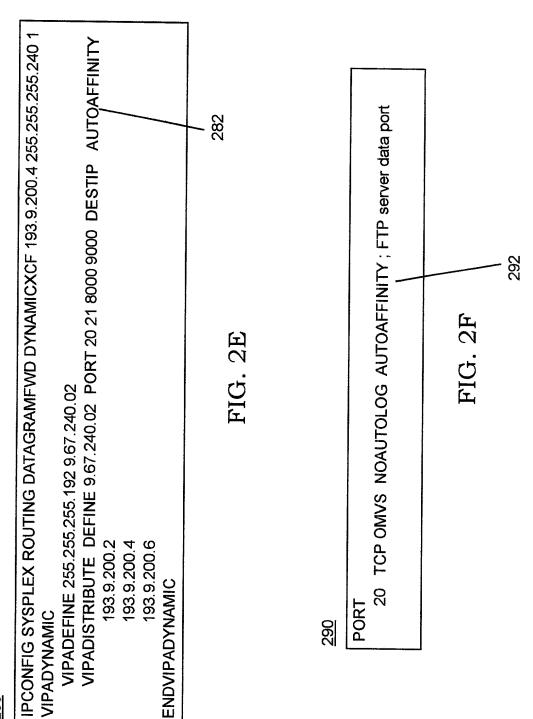
addl	info.	
 return	code	234
stack	identity	232
partner	port 230 identity	number
partner	mask/	prefix 228 number
partner IP partner	address	226
local port	number	224
local IP	address	222

FIG. 2B

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the tark that the first is and the tare that is consistent of the tare that the tare that the tare that the tare

The second secon							
local IP loc	ocal port	partner IP partner		partner	stack	return	addl.
address	umber	address	mask/	port 270	identity	code	info.
262	797	266	prefix 268 number	number	272	274	7



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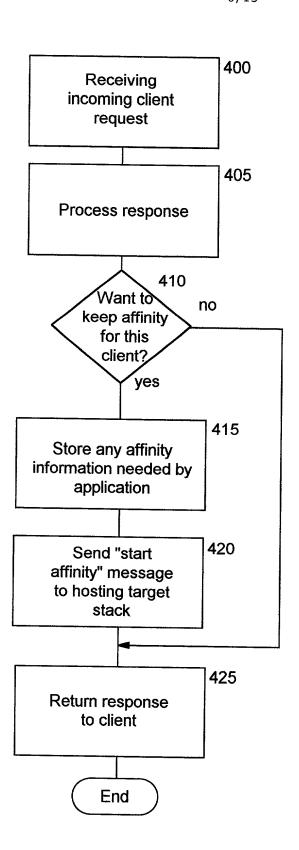
300

	port (s) 340
325	source port number(s)
client affinity	mask/ prefix 335
cli	source IP mask/ address prefix
	receiving/ owning stack 320
server application type 305	lestination IP destination receiving iddress 310 port number owning 315 stack 33
licati	n IP 310

	timeout	inform	395
375	source	port 390	number(s)
client affinity	mask/	prefix	385
디 디	source IP mask/	addres	380
	receiving/	owning 370 address	application
on type 355		port number	365
server application type <sup>355</sup>	destination IP destination	address	300

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FIG. 4



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FIG. 5

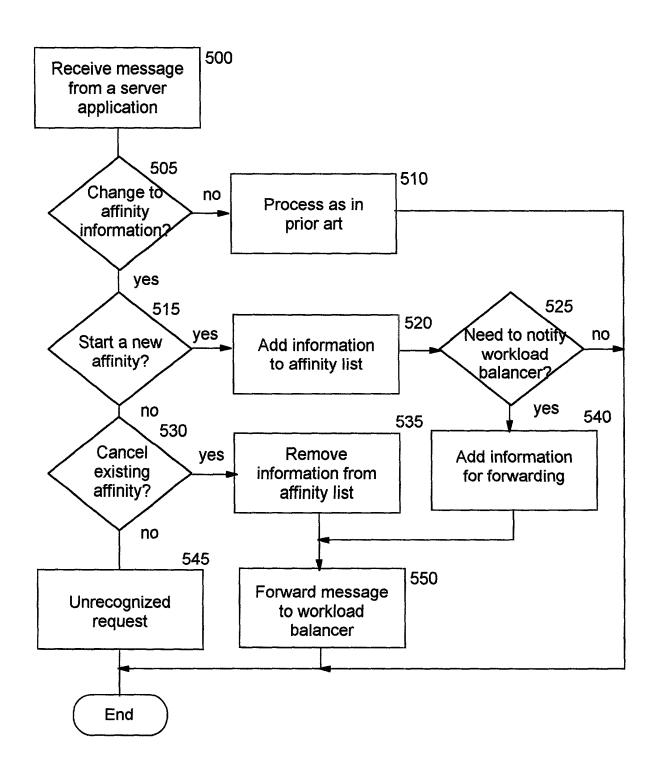
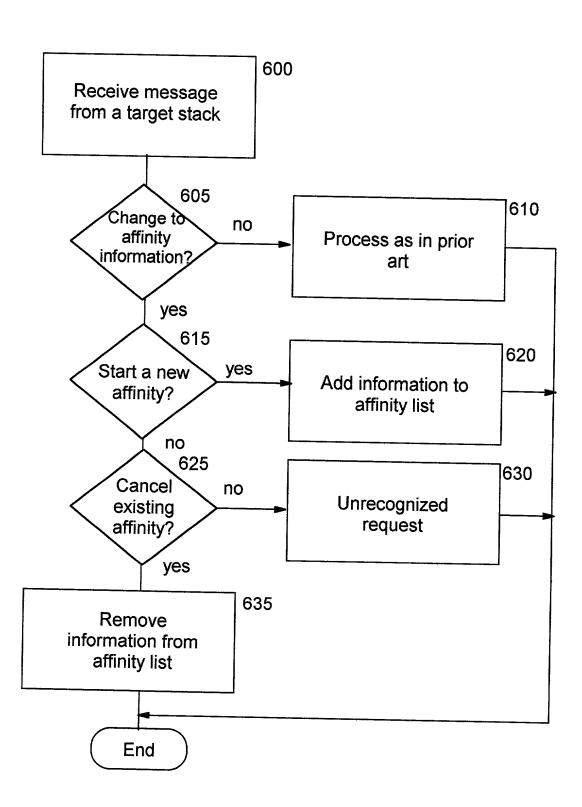
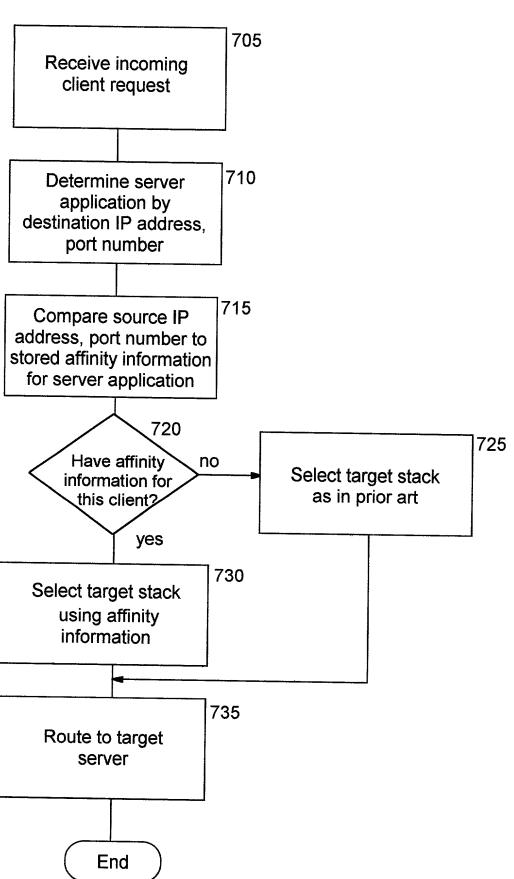


FIG. 6



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FIG. 7



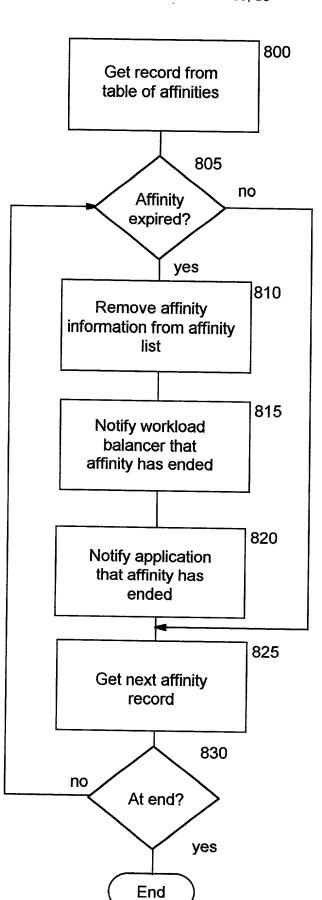
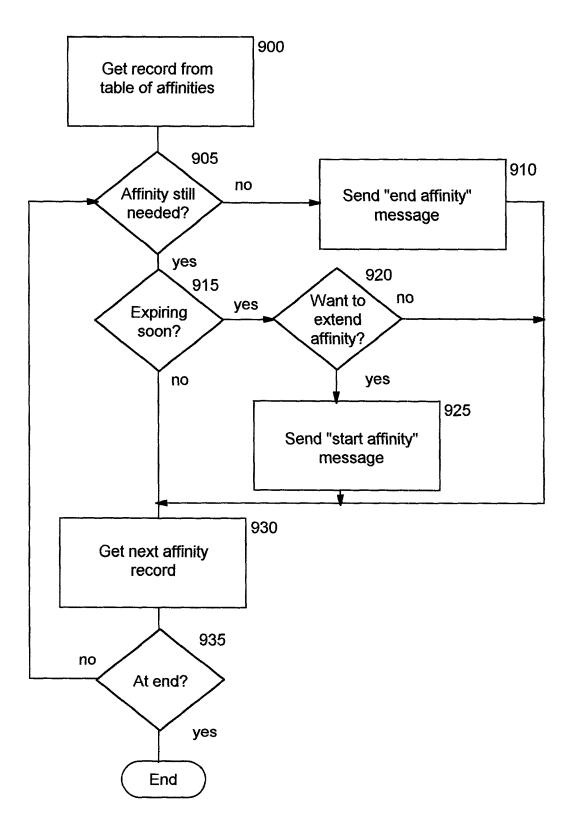


FIG. 8

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FIG. 9



Check configuration parameters

1000

FIG. 10

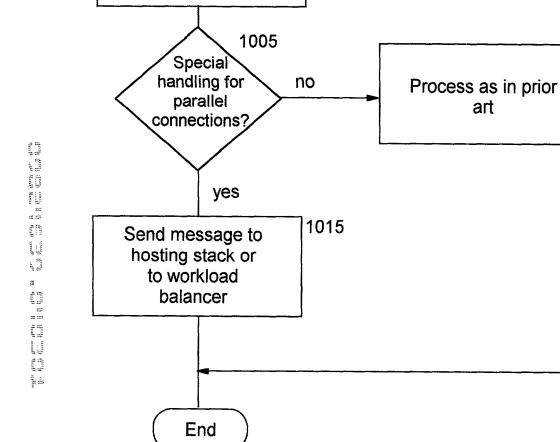


FIG. 11 1100 Receive incoming client request 1105 Automatic no affinity active? yes 1110 See if client has a connection to this server application 1115 1120 Has Select instance as no connection? in prior art yes 1125 Select instance from instance affinity information 1130 Route request to selected instance End